

INTERNATIONAL SEARCH REPORT

International application No.

PCT/JP2005/001518

A. CLASSIFICATION OF SUBJECT MATTER

Int.Cl⁷ A61K31/501, A61P9/00, 9/10//C07D401/12

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

Int.Cl⁷ A61K31/00-31/80, A61P1/00-43/00, C07D401/00-421/14

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

MEDLINE (STN), EMBASE (STN), BIOSIS (STN), BIOTECHABS (STN), CAPLUS (STN),
REGISTRY (STN), WPI (DIALOG), JSTPLUS (JOIS), JMEDPLUS (JOIS)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	WO 91/16314 A1 (Nissan Chemical Industries, Ltd.), 31 October, 1991 (31.10.91), Claims; examples & AU 9176511 A & EP 482208 A1 & ZA 9103134 A & US 5202323 A & US 5314883 A & US 5318968 A	1-5
Y	JP 7-252237 A (Nissan Chemical Industries, Ltd.), 03 October, 1995 (03.10.95), Claims; examples & WO 95/19969 A1 & AU 9514663 A & FI 9602957 A & NO 9603095 A & EP 742211 A1 & CN 1138852 A & KR 97700658 A & US 5750523 A & US 5856327 A	1-5

☒ Further documents are listed in the continuation of Box C.☐ See patent family annex.

* Special categories of cited documents:	"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
"A" document defining the general state of the art which is not considered to be of particular relevance	"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
"E" earlier application or patent but published on or after the international filing date	"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)	"&" document member of the same patent family
"O" document referring to an oral disclosure, use, exhibition or other means	
"P" document published prior to the international filing date but later than the priority date claimed	

Date of the actual completion of the international search
24 March, 2005 (24.03.05)Date of mailing of the international search report
12 April, 2005 (12.04.05)Name and mailing address of the ISA/
Japanese Patent Office

Authorized officer

Facsimile No.

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C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	WO 00/33845 A1 (Nissan Chemical Industries, Ltd.), 15 June, 2000 (15.06.00), Full text & AU 200014131 A & NO 200102616 A & EP 1157694 A1 & KR 2001081067 A & CN 1329492 A & MX 2001005701 A1 & NZ 512754 A & ZA 200105429 A	1-5
Y	JP 9-157258 A (Otsuka Pharmaceutical Co., Ltd.), 17 June, 1997 (17.06.97), Claims; examples; Pharmacological Test; Par. Nos. [0025] to [0037] & WO 97/12869 A1 & AU 9671457 A & EP 796248 A1 & BR 9605988 A & MX 9704145 A1 & KR 98700281 A & US 6143763 A	1-5
Y	Kenji UEHARA, Masao KIMURA, "Phosphodiesterase 3 Sogaizai no Kodomyaku Koka Sayo, The Cell, 1998, 30(5), pages 197 to 200, particularly, 1.PDE3 Sogaizai to Kokesshoban Sayo Oyobi 2.PDE3 Sogaizai to Kekkan Naimaku Hiko Yokusei Sayo no Ko	1-5
Y	Mitsugu HACHISU et al., "Sentakuteki Phosphodiesterase III Sogaizai Amrinone ni yoru Rat Keidomyaku Shinsei Naimaku Hiko Yokusei Sayo", Folia Pharmacol.Jpn., 1998, 122, pages 267 to 274, full text	1-5
Y	KIMURA, Y. et al., Summary of Cilostazol, a PDE III Inhibitor., Jpn.J.Pharmacol., 2001, 85(Suppl. 1), No.S36-1	1-5